

Title (en)

DATA PROCESSING METHOD AND APPARATUS, COMPUTER DEVICE, AND STORAGE MEDIUM

Title (de)

DATENVERARBEITUNGSVERFAHREN UND -EINRICHTUNG, COMPUTERVORRICHTUNG UND SPEICHERMEDIUM

Title (fr)

PROCÉDÉ ET APPAREIL DE TRAITEMENT DE DONNÉES, DISPOSITIF INFORMATIQUE ET SUPPORT DE STOCKAGE

Publication

EP 4020328 A1 20220629 (EN)

Application

EP 20824879 A 20200820

Priority

- CN 201910784982 A 20190823
- CN 201910888599 A 20190919
- CN 2020110134 W 20200820

Abstract (en)

The present disclosure provides a data processing method, a device, a computer equipment, and a storage medium. The board card provided in the present disclosure includes a storage device, an interface apparatus, a control device, and an artificial intelligence chip of a data processing device, where the artificial intelligence chip is connected to the storage device, the control device, and the interface apparatus, respectively. The storage device is configured to store data; the interface apparatus is configured to implement data transmission between the artificial intelligence chip and an external apparatus; and the control device is configured to monitor a state of the artificial intelligence chip. According to the data processing method, the device, the computer equipment, and the storage medium provided in the embodiments of the present disclosure, the data to be quantized is quantized according to the corresponding quantization parameter, which may reduce the storage space of data while ensuring the precision, ensure the accuracy and reliability of the operation result, and improve the operation efficiency.

IPC 8 full level

G06N 3/063 (2006.01)

CPC (source: EP US)

G06N 3/0464 (2023.01 - EP); **G06N 3/0495** (2023.01 - EP); **G06N 3/063** (2013.01 - US); **G06N 3/08** (2013.01 - US); **G06N 3/084** (2013.01 - EP); **G06N 3/09** (2023.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2021374510 A1 20211202; EP 4020328 A1 20220629; EP 4020328 A4 20230705; JP 2022501677 A 20220106; JP 7146954 B2 20221004; WO 2021036890 A1 20210304

DOCDB simple family (application)

US 202017254372 A 20200820; CN 2020110134 W 20200820; EP 20824879 A 20200820; JP 2020567544 A 20200820